Figure 15: Heat treatment problem: RB concentrated outputs and related error bounds as functions of time $t$, for $\mu = (0.01, 0.02), \mu = (0.01, 0.2)$ (left), $\mu = (10, 0.02), \mu = (10, 0.2)$ (right).

Figure 16: Diffusion-transport problem around a cylinder: parametrized geometry and domain boundaries.